

FIG. 1

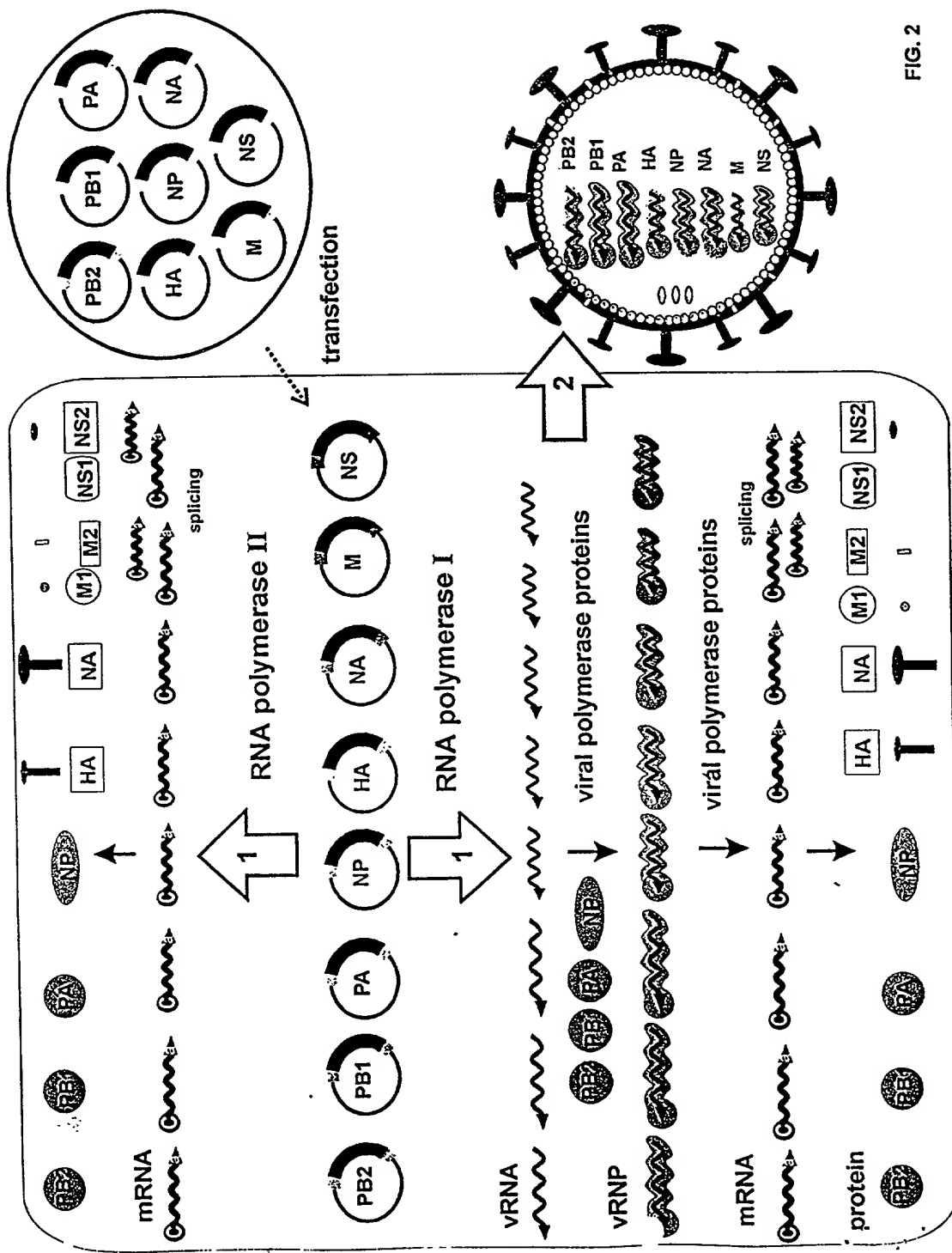
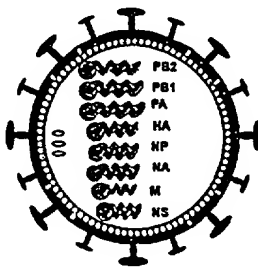


FIG. 2



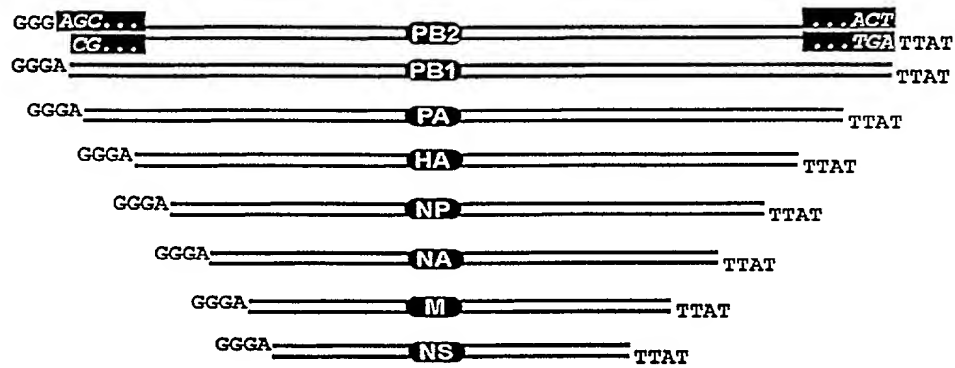
A/Teal/HK/W312/97 (H6N1)

RNA extraction

8 Reverse transcriptase-PCRs

Digestion of PCR fragments with  
*Bsm*BI or *Bsa*I

dsDNA



Insertion into pHW2000-*Bsm*BI

5' - ~~TCGCAAGTTCGGGGGGGAGGAGACGGTACCGTCTCCATACCGGGGCGGC~~ - 3'  
3' - ~~AGGCTTCAACCCCGCGTCTCTGCCATGGCAGAGGTATTCGGGCGGGCGG~~ - 5'

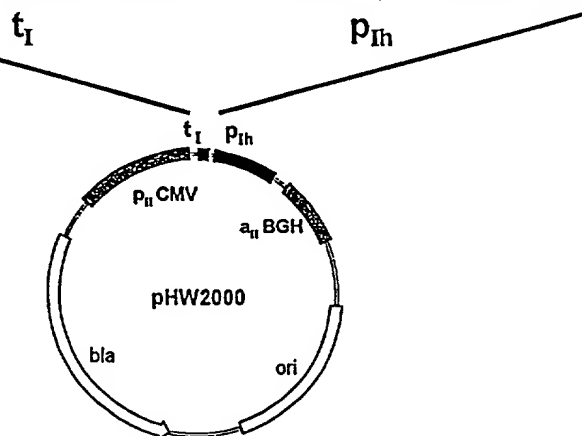


FIG.3 A

# Expression plasmids

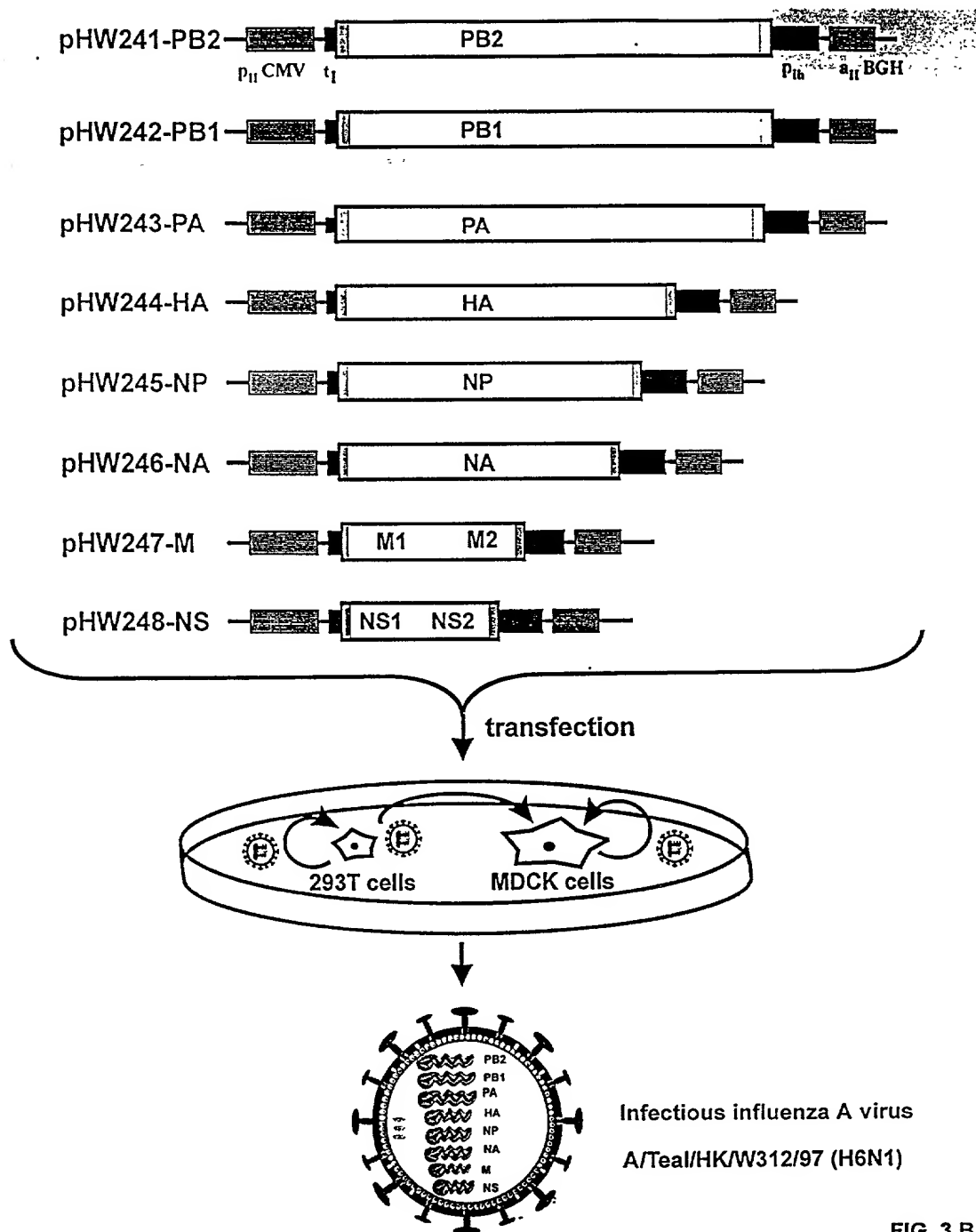


FIG. 3 B

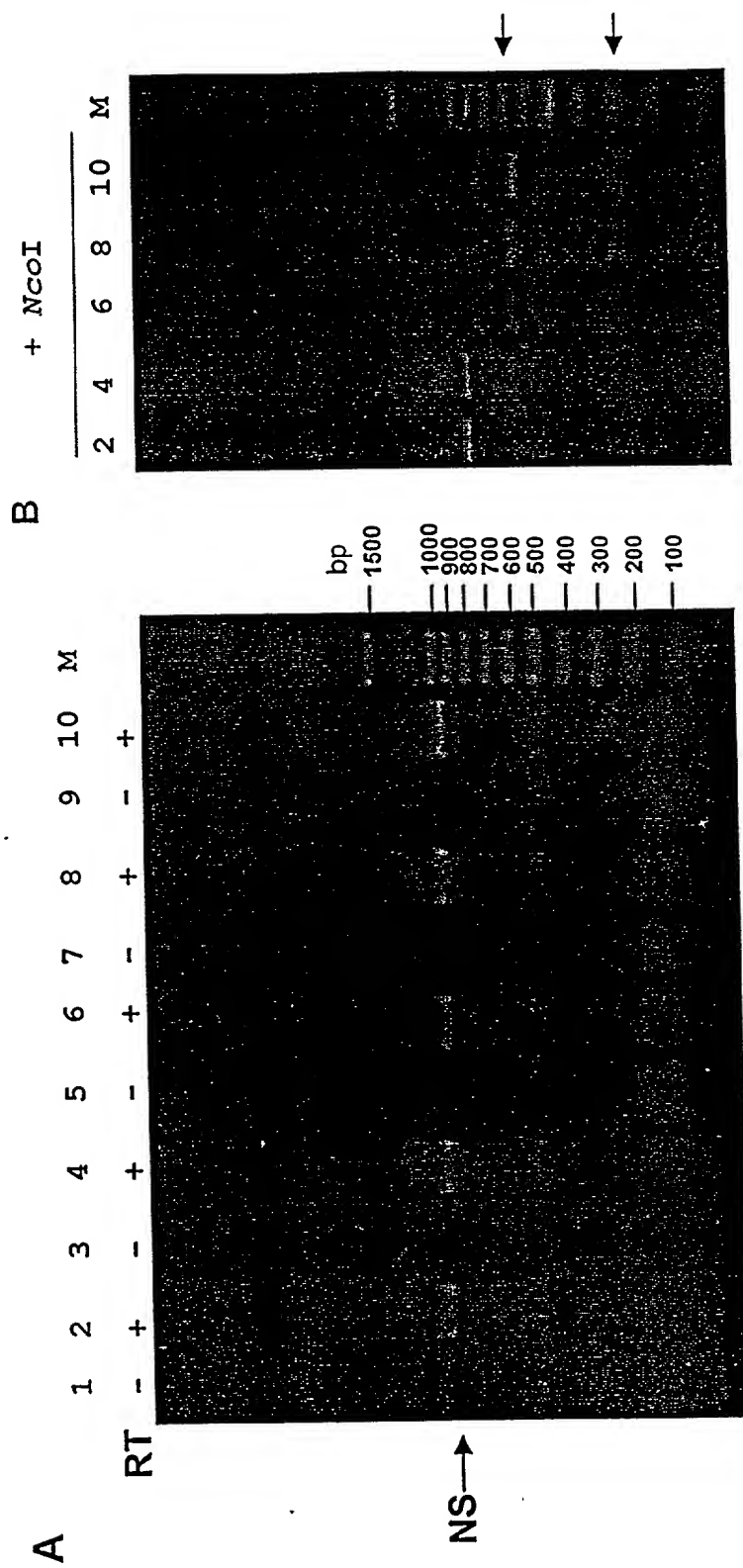


FIG. 4

Fig. 5

unidirectional pol I-pol II transcription system:

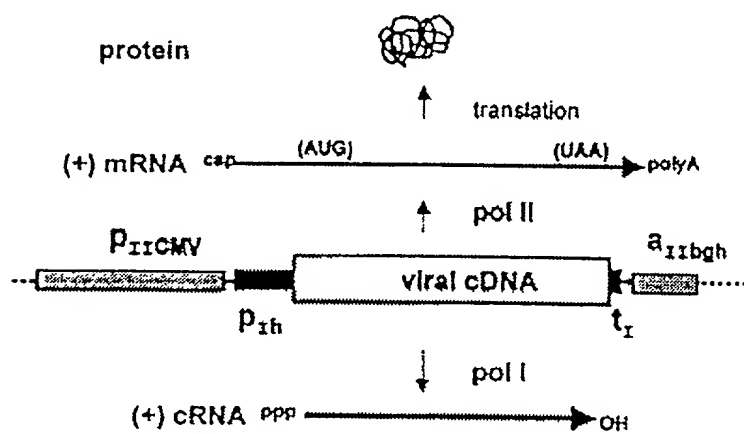


Fig. 6

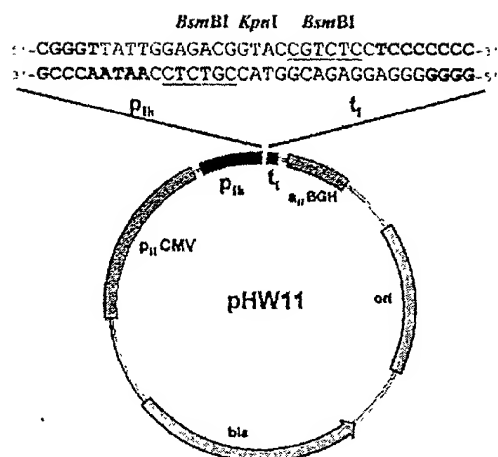


Fig. 7

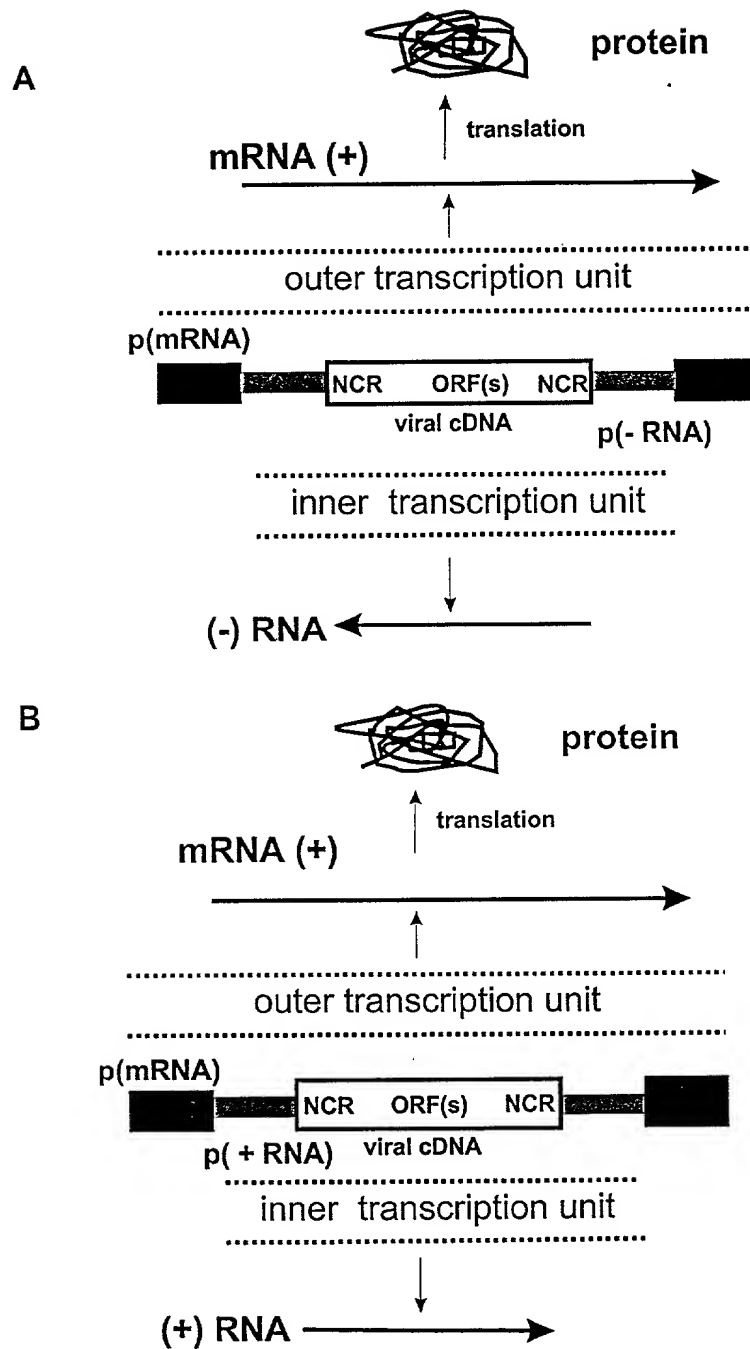




Fig. 8

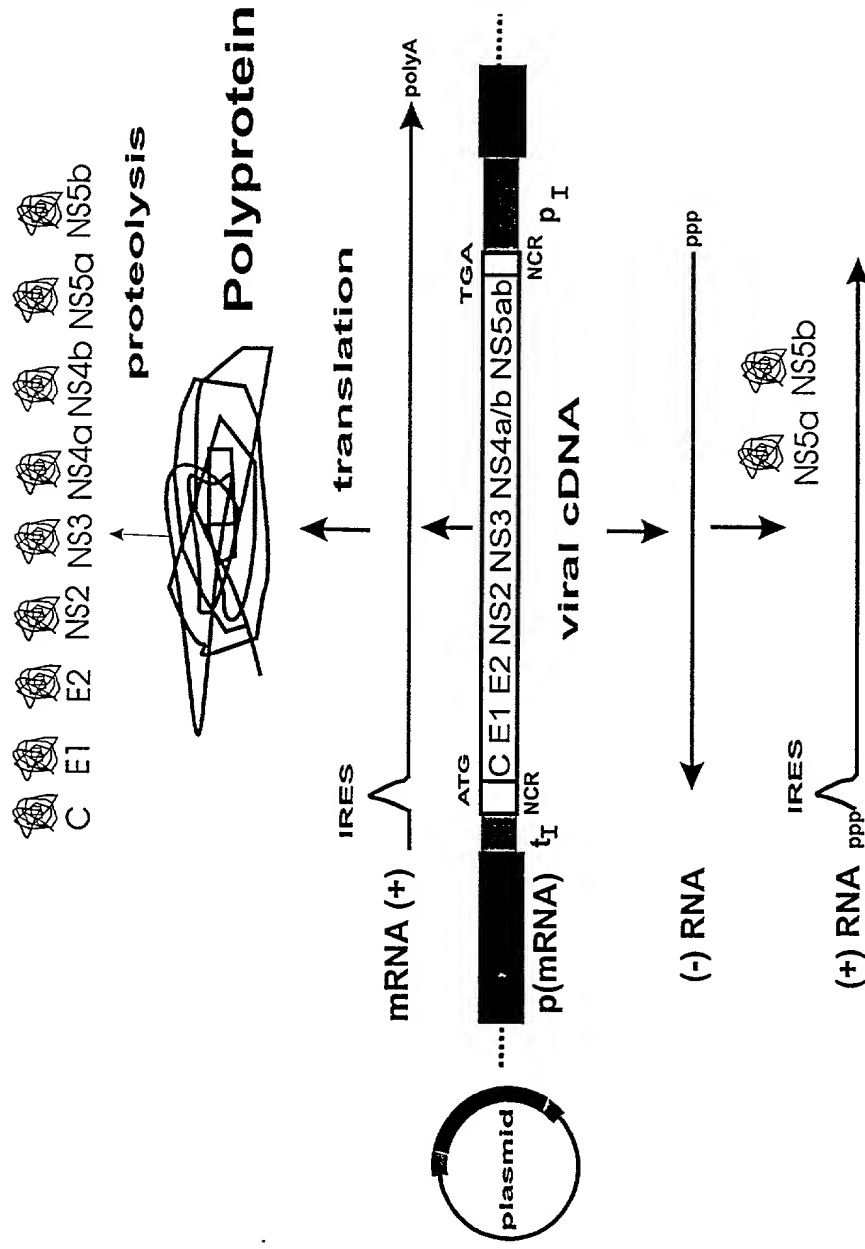


Fig. 9

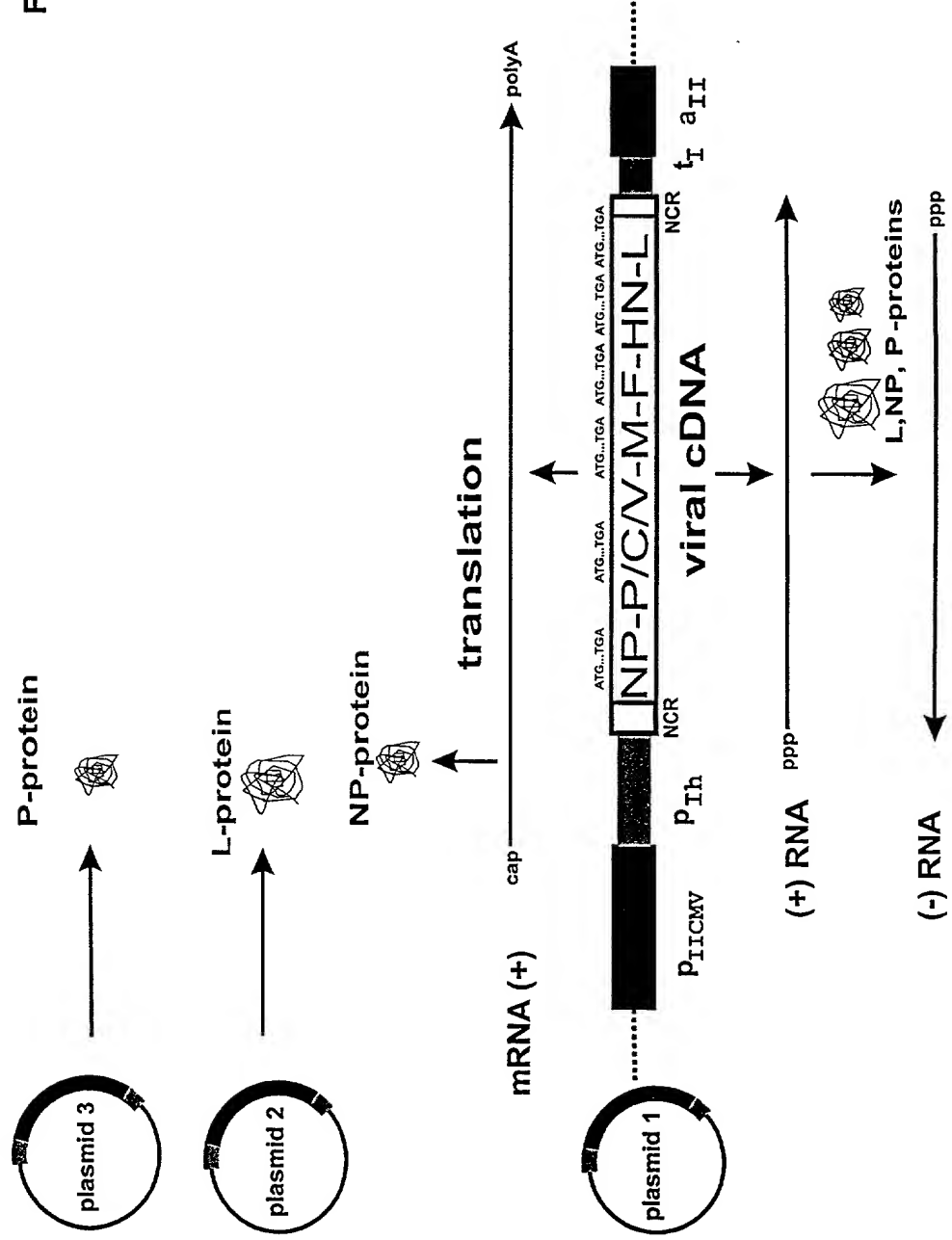


Fig. 10

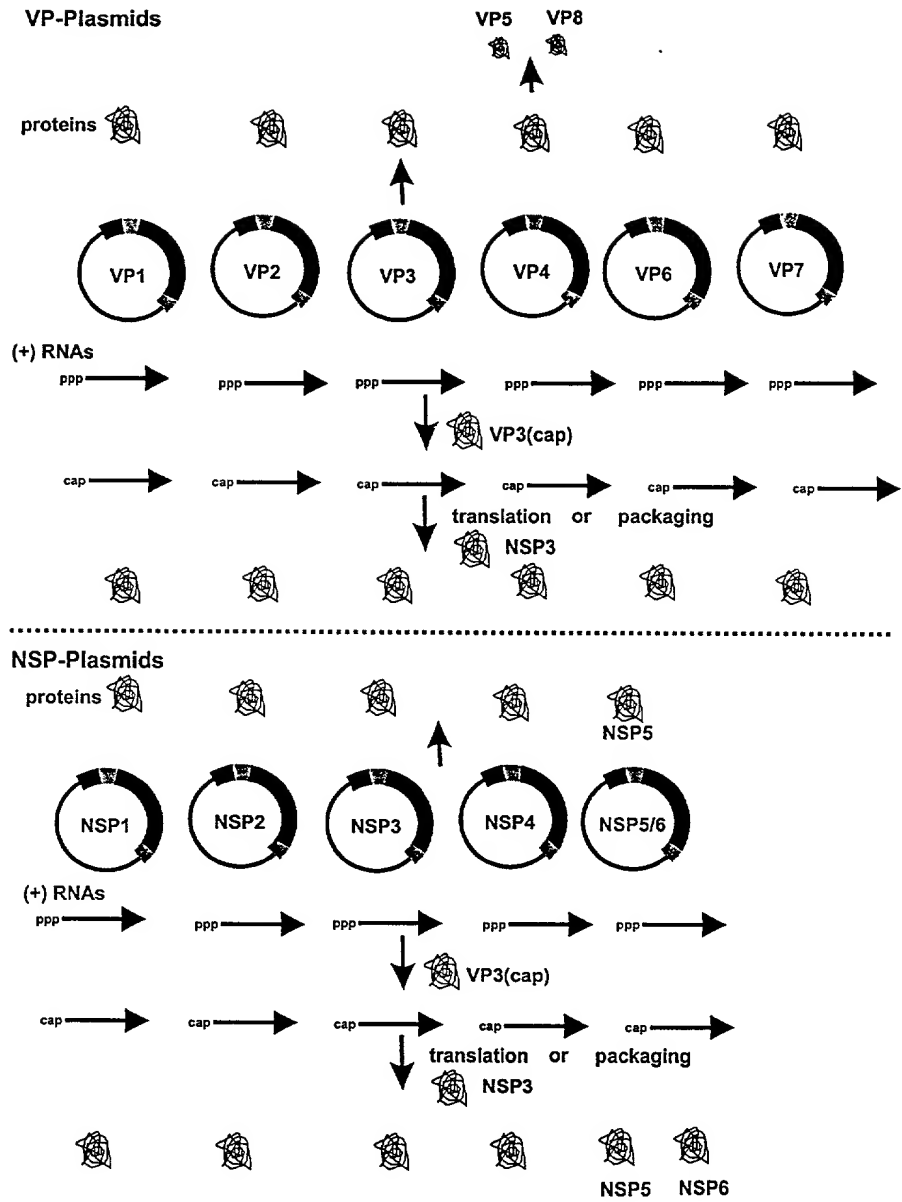
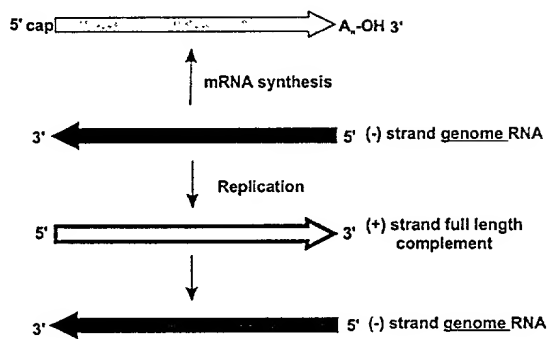


Fig. 11

## A (-) strand RNA viruses

### Segmented

*Orthomyxoviridae*: Influenza A, Influenza B, Influenza C,  
Thogoto virus, Dhori virus



### Unimolecular

*Mononegavirales*: *Bornaviridae*, *Filoviridae*, *Paramyxoviridae*, *Rhabdoviridae*

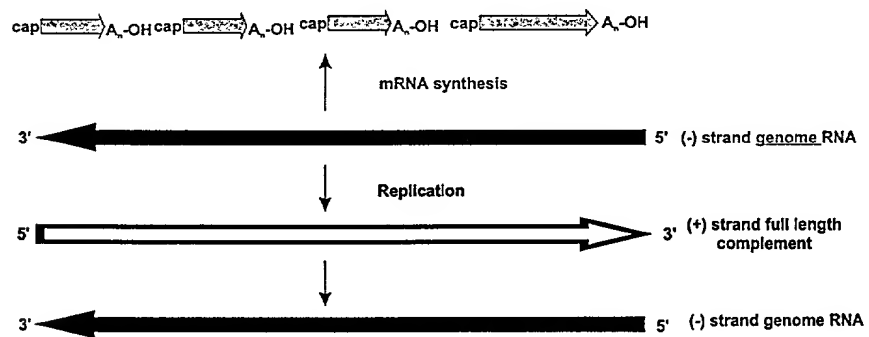
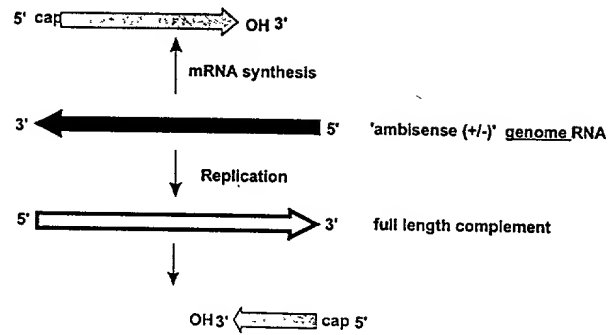


Fig. 11

## B Ambisense RNA viruses

*Arenaviridae, Bunyaviridae*



## C Double-stranded RNA viruses

*Reoviridae*

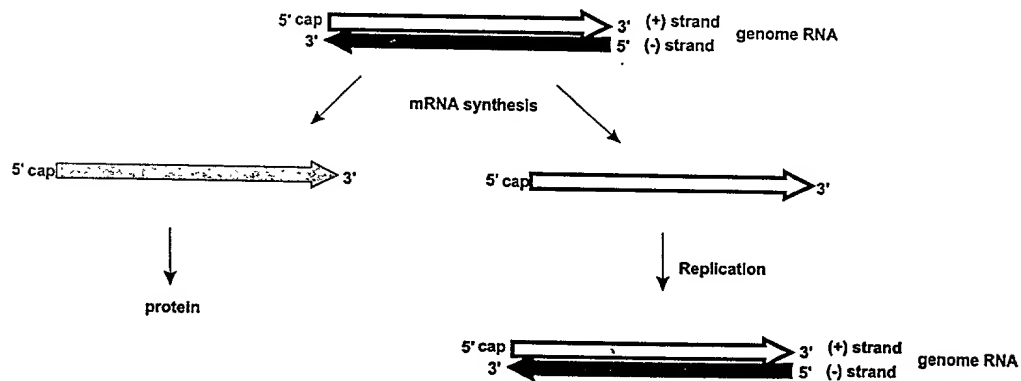
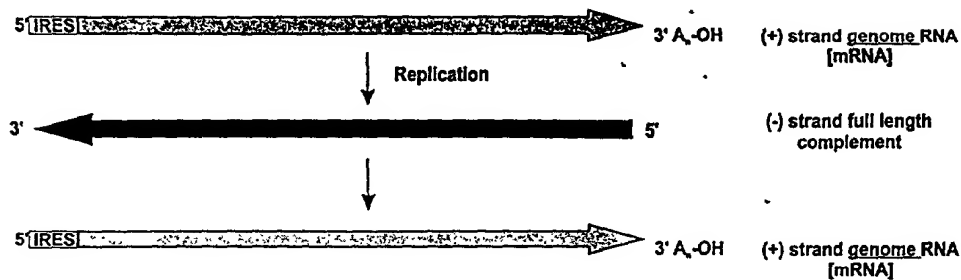
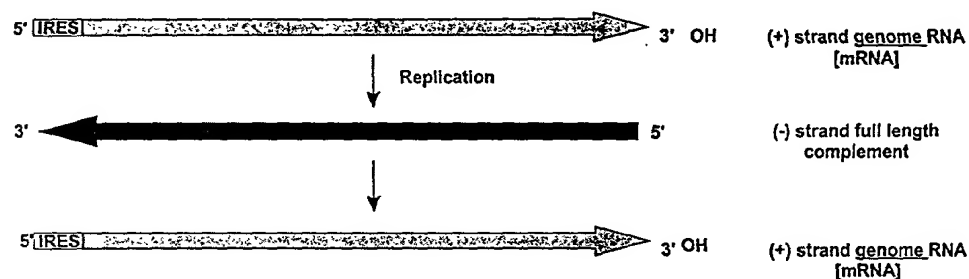


Fig. 11 D (+) strand RNA viruses

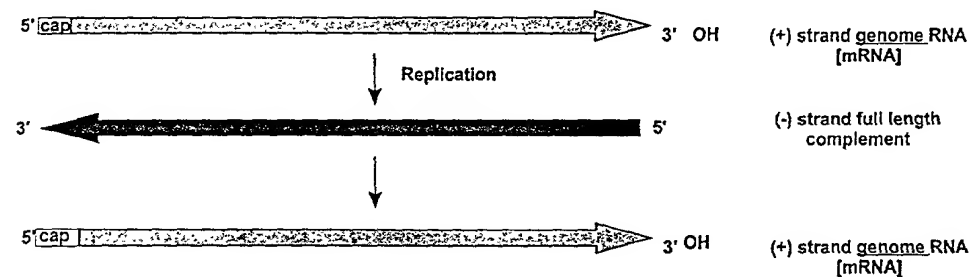
*Picornaviridae: Enterovirus, Rhinovirus, Cardiovirus, Aphthovirus, Hepatovirus, Parechovirus*



*Flaviviridae: Hepacivirus, Pestivirus*



*Flaviviridae: Flavivirus*



*Togaviridae and Coronaviridae*

